

## Janssen® Game-bird Tonic composition per litre

### Vitamins;

Vitamin A:	500,000iu
Vitamin D3:	75,000iu
Vitamin E:	10,000mg
Vitamin B1:	1,250mg
Vitamin B2:	500mg
Vitamin B6:	625mg
Vitamin B12:	5,300mcg
Vitamin K:	350mg
Biotin:	1,250mcg
Niacin:	1,400mg
D-Panthenol:	625mg
Folic Acid: (Precursor):	625mg
Vitamin C:	1,000mg

### Essential Amino Acids;

Lysine:	1,000mg
Methionine	1,500mg
Amino Acid profile:	1,000mg

### Trace Elements;

Iodine:	500mg
Selenium:	125mg
Cobalt:	500mg
Copper:	2,000mg
Manganese:	1,000mg
Zinc:	3,000mg

### Electrolytes;

Sodium Chloride:	9.815g
Potassium Chloride:	82.430g
Citric Acid:	3.28g
Magnesium Sulphate:	455mg

### Other Ingredients;

Essential Fatty Acids:	500mg
Nucleotides	1,000mg

In a water-soluble aniseed flavoured base.

### Directions for use:

For oral administration in drinking water only

Chicks / Poults: Day old to 5 days  
3 days prior to transfer  
3-5 during diet change / biting  
During disease challenge  
During periods of heat stress

Rearing Birds: 3 days prior to and post medication

Laying birds: Treat for 2 days every 1-2 weeks

### Recommended dilution rate:

Dilute 100ml Janssen® Game-bird Tonic in 100 litres

100 litre (22 gallon) water container add 100ml

1000 litre (220 gallon) water container add 1 litre

(To aid dispersion, dilute 1 part Janssen Game-bird Tonic with 5 parts clean drinking water and stir, before adding to drinking system)

### Contra-indications:

FOR AVIAN USE ONLY

KEEP OUT OF THE REACH OF CHILDREN

Use only as directed. Only use once diluted.

Do not mix with any other products.

This is not a medicinal product.

It is recommended that the advice of a veterinarian is sought before use.

Withdrawal period for meat: nil days.

Store in a dry place.

Do not store below 5°C and above 25°C.

Contact your local supplier:

For further information please contact Janssen Animal Health,  
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# Janssen® Game-bird Tonic

From the manufacturers of Flubenvet™

## A specifically formulated liquid supplement for game-birds

Janssen® Game-bird Tonic -  
a concentrated liquid containing Vitamins, Trace elements,  
Essential amino acids, Essential fatty acids and  
Electrolytes with added Nucleotides.



**JANSSEN**  
ANIMAL HEALTH

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ANIMAL HEALTH

## Achieving optimal health in game-birds

Janssen Animal Health is delighted to introduce **Janssen® Game-bird Tonic**, a specifically formulated liquid supplement providing essential nutrients for game birds during periods of stress and peak egg production.

Janssen® Game-bird Tonic is for oral administration in drinking water only.



### NUTRITIONAL PURPOSE

#### Nucleotides

Nucleotides are the natural building blocks of DNA and RNA and are essential for growth, development and immunity of the bird.

Dietary nucleotides are required for the production of cells that are involved in supporting the immune system:

- Intestinal mucosal and villi cells
- Bone marrow cells
- Leukocytes (white blood cells)
- Erythrocytes (red blood cells)

Under stressful conditions, additional demands are placed on new cell development and nucleotide supplementation ensures speedy cell renewal. This facilitates the poul's natural immune response and enables it to deal more effectively with pathogen invasion.

#### Vitamins

Janssen® Game-bird Tonic contains the vitamins that are essential for optimal support of the birds metabolic, reproductive and immune systems:

- | Vitamin            | Function                              |
|--------------------|---------------------------------------|
| ● Vitamin A and D3 | - growth and feathering               |
| ● B vitamins       | - general metabolism and reproduction |
| ● Vitamin C        | - immunity                            |
| ● Vitamin E        | - anti-oxidant                        |
| ● Vitamin K        | - blood clotting                      |

#### Trace Elements

Janssen® Game-bird Tonic also contains the trace elements that are essential to the birds reproductive and metabolic systems:

- | Trace Element | Function                                   |
|---------------|--|
| ● Iodine      | - reproduction                             |
| ● Selenium    | - metabolism, anti-oxidant                 |
| ● Cobalt      | - metabolism                               |
| ● Copper      | - reproduction                             |
| ● Manganese   | - reproduction, metabolism, bone formation |
| ● Zinc        | - feathering, bone formation               |

#### Essential Fatty Acids

Janssen® Game-bird Tonic provides a range of essential fatty acids that are required for growth and feathering in the first weeks of life.

#### Essential Amino Acids

Janssen® Game-bird Tonic provides the essential amino acids, lysine and methionine, to assist good early growth rates of the chicks.

#### Electrolytes

Janssen® Game-bird Tonic provides a balanced blend of nutritional ions for use at strategic periods to stimulate water consumption and to supply the essential body salts sodium and potassium.

## Water consumption guide

### Daily water consumption per 1000 birds

Age	Pheasants		Red Legged Partridge		Grey Partridge	
	litres	pints	litres	pints	litres	pints
1	12	21	7	12	4	7
2	25	44	12	22	8	14
3	30	53	15	26	10	18
4	40	70	20	35	13	23
5	55	97	27	47	17	30
6	60	106	30	53	20	35
7	65	115	33	58	22	39
8	70	123	35	62	23	40
9	74	130	37	65	25	44
10	75	132	38	66	25	44
11	76	134	39	67	26	46
12	80	141	40	70	27	48
Adult hen in lay	200	352	100	176	70	123

#### Please note:

Water consumption will vary according to strain of bird, type of drinker used and the environmental / rearing conditions. This table should therefore be used as a guide only.

